

Message

From: Nguyen, Thuy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FDF4C9A977D4493E948C607108A47C0E-THUY NGUYEN]
Sent: 12/22/2020 3:30:48 PM
To: Hayes, Sharon [Hayes.Sharon@epa.gov]
CC: Tham, Kan [Tham.Kan@epa.gov]
Subject: RE: Containers (Ordering only 2.5 gal containers today)
Attachments: Rinsate_Preliminary results_12222020.docx

Here it is. Very preliminary. We need to work up additional QA/QC for more accurate numbers.
Thuy

From: Hayes, Sharon <Hayes.Sharon@epa.gov>
Sent: Tuesday, December 22, 2020 9:38 AM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Cc: Tham, Kan <Tham.Kan@epa.gov>
Subject: RE: Containers (Ordering only 2.5 gal containers today)

Hi Thuy,

I have a call with Massachusetts today at 2 pm and was wondering if you had any rinsate data available to share. A summary table would be ideal.

Sharon M. Hayes, Chief
Toxics, Pesticides & Drinking Water Compliance Section
US EPA Region 1 (New England)
5 Post Office Square, Suite 100 (05-4)
Boston, MA 02109-3912
617-918-1328
hayes.sharon@epa.gov

To report a potential violation:
<https://echo.epa.gov/report-environmental-violations>

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Tuesday, December 22, 2020 8:45 AM
To: Karen Larson <klarson@clarke.com>; Tham, Kan <Tham.Kan@epa.gov>
Cc: Hayes, Sharon <Hayes.Sharon@epa.gov>
Subject: RE: Containers (Ordering only 2.5 gal containers today)

Thanks Karen
If you want, you can give us the name of your supplier, and we can order directly from them
Thuy

From: Karen Larson <klarson@clarke.com>
Sent: Monday, December 21, 2020 5:49 PM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Tham, Kan <Tham.Kan@epa.gov>
Cc: Hayes, Sharon <Hayes.Sharon@epa.gov>
Subject: RE: Containers (Ordering only 2.5 gal containers today)

Hi Thuy,

We do not have jugs on hand that have not been processed. I am reaching out to our supplier to see how quickly we can obtain a few.

Thank you,
Karen

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Monday, December 21, 2020 4:01 PM
To: Karen Larson <klarson@clarke.com>; Tham, Kan <Tham.Kan@epa.gov>
Cc: Hayes, Sharon <Hayes.Sharon@epa.gov>
Subject: RE: Containers (Ordering only 2.5 gal containers today)

Hi Karen

We received the containers today. Thank you!

One quick question – In one of your previous e-mails, you said “Both the drums and jugs are “level 3 fluorinated HDPE”, both processed by Inhance Technologies”. Do you happen to have a jug that is not yet processed by Inhance? If yes, can you ship it to us? We want to test that jug too.

Thanks
Thuy

Thuy L. Nguyen, Branch Chief
Analytical Chemistry Branch
USEPA/OPP/Biological and Economic Analysis Division (7503P)
Environmental Science Center
701 Mapes Road
Ft Meade, Maryland 20755-5350
Phone: 410-305-2905
Fax: 410-305-3091

From: Karen Larson <klarson@clarke.com>
Sent: Friday, December 18, 2020 2:58 PM
To: Tham, Kan <Tham.Kan@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Cc: Hayes, Sharon <Hayes.Sharon@epa.gov>
Subject: Re: Containers (Ordering only 2.5 gal containers today)

Hi Thuy,
All of these containers are new.

Karen

Sent from my Verizon, Samsung Galaxy smartphone

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Friday, December 18, 2020 12:52:31 PM
To: Karen Larson <klarson@clarke.com>; Tham, Kan <Tham.Kan@epa.gov>
Cc: Hayes, Sharon <Hayes.Sharon@epa.gov>
Subject: RE: Containers (Ordering only 2.5 gal containers today)

Hi Karen

Are any of those containers (drums and jugs) re-used? Or are they all new. I am trying to rule out left over residue from previous product, if containers are re-used

Thanks
Thuy

From: Karen Larson <klarson@clarke.com>
Sent: Friday, December 18, 2020 11:59 AM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Tham, Kan <Tham.Kan@epa.gov>
Cc: Hayes, Sharon <Hayes.Sharon@epa.gov>
Subject: RE: Containers (Ordering only 2.5 gal containers today)

The jugs and closures shipped today, and should be delivered Monday by FedEx. The tracking number is 772418286138.

Have a great weekend,
Karen

From: Karen Larson
Sent: Friday, December 18, 2020 9:24 AM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Tham, Kan <Tham.Kan@epa.gov>
Cc: Hayes, Sharon <Hayes.Sharon@epa.gov>
Subject: RE: Containers (Ordering only 2.5 gal containers today)

Good morning,

Yes, the jugs will ship today. I will provide the tracking information as soon as FedEx picks them up.

I can add a 250-mL sample from a drum to the set of production samples we are planning for Monday. We ordered PTFE-free bottles and caps, which should arrive Monday. Assuming they do, we will send the drum sample and production samples, with equipment rinse and trip samples, by overnight delivery for Tuesday delivery.

The Anvil 10+10 samples do not need to be shipped cold. The equipment rinse will be deionized water, will these need to be shipped cold?

Thank you,
Karen

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Friday, December 18, 2020 8:35 AM
To: Tham, Kan <Tham.Kan@epa.gov>; Karen Larson <klarson@clarke.com>
Cc: Hayes, Sharon <Hayes.Sharon@epa.gov>
Subject: RE: Containers (Ordering only 2.5 gal containers today)

Karen and Kan

If both the drum and the jug are "level 3 fluorinated HDPE", we need to change our game plan. Let me know if you agree
We need to test:

- Rinsate from unused drum and jug. I will let you know early next week, if we are ready to receive the drum. You are shipping the jugs out today, right?
- Samples taken from drums. Karen, can you pull a sample from a drum into the non-PFAS container and ship it to me as soon as you can?
- Samples from jugs – I already have those and will test them as soon as I have a method
- Samples right after production/manufacturing.

Karen- for samples (products) please include equipment rinse blank (s) and trip blank. Please do not pack samples in blue ice. Use ice if needed (I don't think the samples need to be shipped cold, but just in case)

Thank you so much for working with us on this
Thuy

From: Tham, Kan <Tham.Kan@epa.gov>
Sent: Thursday, December 17, 2020 4:16 PM
To: Karen Larson <klarson@clarke.com>
Cc: Tham, Kan <Tham.Kan@epa.gov>; Charlton, Tom <Charlton.Tom@epa.gov>; Spencer Sauter <spencer.sauter@erg.com>; Andrea Schnitzer <Andrea.Schnitzer@erg.com>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Subject: RE: Containers (Ordering only 2.5 gal containers today)

Hi Karen,

For the first shipment of (2-2.5 gal empty containers and 2 caps), please ship the following items highlighted in yellow to Thuy Nguyen, Branch Chief at the Ft Meade Lab in Maryland. She would like to receive the shipment by either Dec 21 or Dec 22. Also, please send the invoice to Spencer Sauter at ERG, Inc. His contact information is listed below.

Qty	Item	Description	Unit Cost	Total
2	11358-B	JUGS PLAIN 2.5 gal	2.01	4.02
2	40012	CAPS (PELLETS/2x2.5GAL)	0.29	0.58

Containers Ship to:

Thuy Nguyen
Analytical Chemistry Branch
USEPA/OPP/Biological and Economic Analysis Division (7503P)
Environmental Science Center
701 Mapes Road
Ft Meade, Maryland 20755-5350

Invoice of this transaction to:

Spencer Sauter
Andrea Schnitzer
Easter Research Group, Inc.
2300 Wilson Blvd., Ste 350
Arlington, VA 22201
Email: andrea.schnitzer@erg.com
Email: Spencer.Sauter@erg.com

Please provide the tracking number of the shipment for the container to me. I will call you next week to place the rest of order for 30 gal and 55 gal plastic drums, when we have more information become available. Thank you.

Kan S. Tham
Toxics, Pesticides and Drinking Water Compliance Section
US EPA Region 1 (New England)
5 Post Office Square, Suite 100
Mail Code (OES05-4)
Boston, MA 02109-3912
617-918-1872 (phone)

617-918-0872 (fax)
Tham.kan@epa.gov

From: Karen Larson <klarson@clarke.com>
Sent: Monday, December 14, 2020 1:51 PM
To: Tham, Kan <Tham.Kan@epa.gov>
Subject: Containers

Good afternoon, Kan

I'm sorry for the delay in reply. The team was in physical inventory last week so it took some time to get a reply on the individual drum costs & appropriate closures. Please see below.

Qty	Item	Description	Unit Cost	Total
2	11358-B	JUGS PLAIN 2.5 gal	2.01	4.02
2	40012	CAPS (PELLETS/2x2.5GAL)	0.29	0.58
2	11134-C	HDPE PLASTIC DRUM, 30 GAL	55.82	111.64
2	11134-B	HDPE PLASTIC DRUM, 55 GAL	58.37	116.74
8	40011	POLY CAPSEAL WHIT 2" RCP200	0.31	2.48
Freight, Single pallet, 2-day delivery to Ft. Meade				393.45
Total				628.91

Please confirm if you'd like me to process the order for the containers, invoicing to ERG and shipping to Ft. Meade.

I have also confirmed that both the drums and jugs are "level 3 fluorinated HDPE", both processed by Inhance Technologies (<https://www.inhancetechnologies.com/brands-and-products/barrier-packaging>).

Thank you, and stay well,

Karen

Karen Larson
Vice President
Product Innovation & Government Affairs



675 Sidwell Court
St. Charles, Illinois 60174
U.S.A.
Office: 630-671-3123
www.clarke.com